



## Shell Exploration & Production

### ***SWEPI LP***

*4582 S. Ulster St., Suite 1400  
Stanford Place III  
Denver, Colorado 80237-2642  
United States*

February 16, 2011

Attn: Muhammad Zaman  
Pennsylvania Department of Environmental Protection  
Bureau of Air Quality, Region IV  
NorthCentral Regional Office  
208 West 3rd Street, Suite 101  
Williamsport, PA 17701

Attn: Director, Air Protection Division  
U.S. Environmental Protection Agency, Region III  
Mail Code 3AP00  
1650 Arch Street  
Philadelphia, PA 19103-2029

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**RE: SWEPI LP**  
**Stock 144 Compressor Station – Delmar Township, Tioga County, Pennsylvania**  
**40 CFR 60, Subpart JJJJ Initial Notification**

Dear Mr. Zaman / Director, Air Protection Division:

SWEPI LP (Shell) is proposing to install two natural gas-fired Caterpillar G3516TALE compressor engines rated at 1,340 horsepower at the Stock 144 Compressor Station. As the engines proposed to be installed are lean burn engines that were manufactured after January 1, 2008, they are subject to New Source Performance Standards (NSPS) 40 CFR 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

Pursuant to 40 CFR 60.7(a) and 40 CFR 60.4245(c), Shell is submitting this initial notification to meet the requirements of 40 CFR 60, Subpart JJJJ. The following information is being provided as outlined in §60.4245(c)(1) through (5).

#### **Name and Address of the Owner or Operator [§60.4245(c)(1)]**

*Primary Address*  
SWEPI LP  
190 Thorn Hill Road  
Warrendale, PA 15086

*Local Field Office*  
SWEPI LP  
38 Route 660  
Mansfield, PA 16933

#### **The Address of the Affected Source [§60.4245(c)(2)]**

The affected source will be located at an unattended location in Delmar Township, Tioga County, Pennsylvania. The approximate coordinate for the facility is:  
Latitude 41.771872 North, Longitude 77.319525 West.

**Engine Information Including Make, Model, Engine Family, Serial Number, Model Year, Maximum Engine Power, and Engine Displacement [§60.4245(c)(3)]**

The engines to be located at the Stock 144 Compressor Station are natural gas-fired lean-burn Caterpillar G3516TALE compressor engines. Additional engine information is as follows:

	<b>Compressor A</b>	<b>Compressor B</b>
<b>Serial Number</b>	WPW02667	WPW02612
<b>Date of Manufacture</b>	12/6/2008	12/9/2008
<b>Maximum Engine Power Rating at 100% Load (bhp)</b>	1340	1340
<b>Engine Displacement (liters)</b>	69	69

**Emission Control Equipment [§60.4245(c)(4)]**

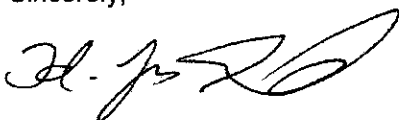
The Caterpillar G3516TALE engines will be installed with no add-on control equipment.

**Fuel Used [§60.4245(c)(5)]**

The Caterpillar G3516TALE engines will exclusively fire field natural gas.

If you have any questions or require additional information, please contact me at (303) 222-6360 or Mr. Chuck Cornell of AECOM at (970) 530-3466.

Sincerely,



H. James Sewell  
Senior Staff Environmental Engineer, EP Americas

cc: Chuck Cornell / AECOM Environment – Ft. Collins, CO  
Bill Bock / AECOM Environment – Ft. Collins, CO